

REMARKS

The above proposed amendment is believed to place the claims in substantially the same condition as the claims which have been amended under Article 34 in the International Application PCT/JP99/06061 and to remove improper multiple dependent claims. Early and favorable action is awaited.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "Version with markings to show changes made."

In the event there are any additional fees required, please charge our Deposit Account No. 01-2340.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

Claims 1, 3-8, 13 and 27 have been amended as follows:

1. (Amended) Nano-scale carbon tubes each containing a main framework which comprises carbon, and each having a diameter of 0.1 to 1000 nm and an amorphous structure, and each having an interlayer spacing (002) between hexagonal carbon layers of at least 3.54 Å and a diffraction angle (2θ) of 25.1 degrees or less, as determined with a diffractometer by an X-ray diffraction method (incident X-Ray: CuKα).

3. (Amended) The nano-scale carbon tubes according to claim 1 [or 2], each of which has an interlayer spacing (002) between hexagonal carbon layers of at least 3.54 Å, a diffraction angle (2θ) of 25.1 degrees or less, and a 2θ band half-width of at least 3.2 degrees, as determined with a diffractometer by an X-ray diffraction method (incident X-ray: CuKα).

4. (Amended) Amorphous nano-scale carbon tubes according to [any one of claims 1 to 3] claim 1, each of which has a straight shape.

5. (Amended) Amorphous nano-scale carbon tubes according to [any one of claims 1 to 4] claim 1, each of which has a hollow cylindrical shape or a hollow rectangular prism shape.

6. (Amended) [The] Amorphous nano-scale carbon tubes according to [any one of claims 1 to 5] claim 1, each of which has at least one open [or flat] end.

7. (Amended) The amorphous nano-scale carbon tubes according to [any one of claims 1 to 6] claim 1, which are formed on a substrate, a particle or a porous material.

13. (Amended) A method for producing a carbon material containing amorphous nano-scale carbon tubes according to [any one of claims 1 to 7] claim 1, the method comprising subjecting a heat decomposable resin having a decomposition temperature of 200 to 900°C to excitation treatment in the presence of a catalyst comprising a metal powder and/or a metal salt.

27. (Amended) A carbon material containing the amorphous nano-scale carbon tubes according to [any one of claims 1 to 7] claim 1.